

# Persons and Crashes 2005



## PERSONS AND CRASHES

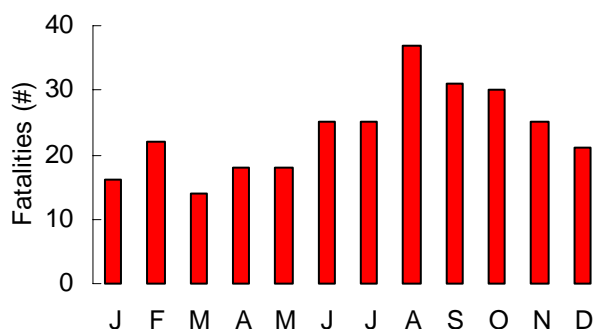


*Motor vehicle crashes are the leading cause of death and disability for persons in the United States.*

### Did you know that in 2005 . . .

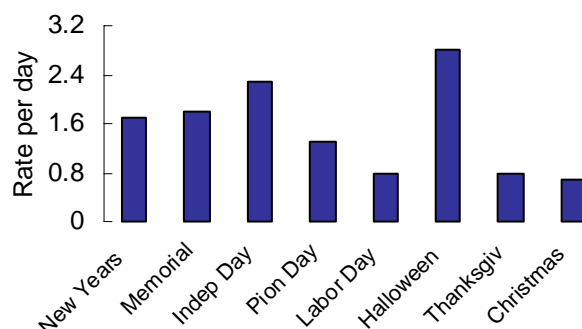
- 54,938 motor vehicle crashes occurred in Utah which resulted in 29,221 injured persons and 282 fatalities.
- Utah's injury crash rate decreased 1.4% from 2004, and the fatal crash rate decreased 11.3%.
- A motor vehicle crash occurred in Utah every 10 minutes, a person was injured in a crash every 18 minutes, and a person died in a crash every 31 hours.

### Fatalities by Month (Utah 2005)



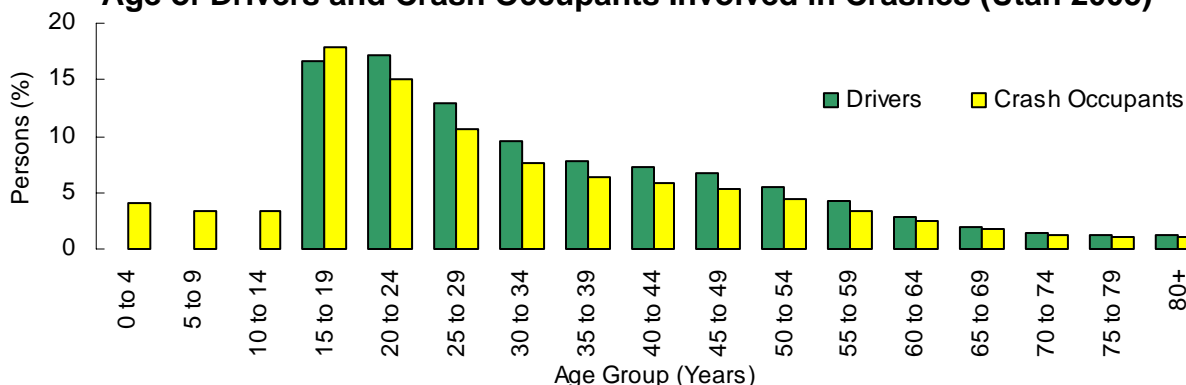
- The majority (35%) of 2005 fatalities occurred during August, September and October.

### Holiday Fatalities (Utah 2005)



- In 2005, Halloween had the highest rate of fatalities (2.8), while Christmas had the lowest rate (0.8).

### Age of Drivers and Crash Occupants Involved in Crashes (Utah 2005)



- Drivers aged 20 to 24 years represented the largest percentage of drivers involved in crashes (17.2%).
- The largest proportion of crash occupants were aged 15 to 19 years (17.8%).

### Leading Collision Descriptions (Utah 2005)

#### All Crashes

1. Rear End (30.2%)
2. Broadside (20.7%)
3. Side Swipe (6.7%)
4. Single Vehicle Rollover (5.5%)
5. Pedestrian/Bicyclist (2.3%)

#### Fatal Crashes

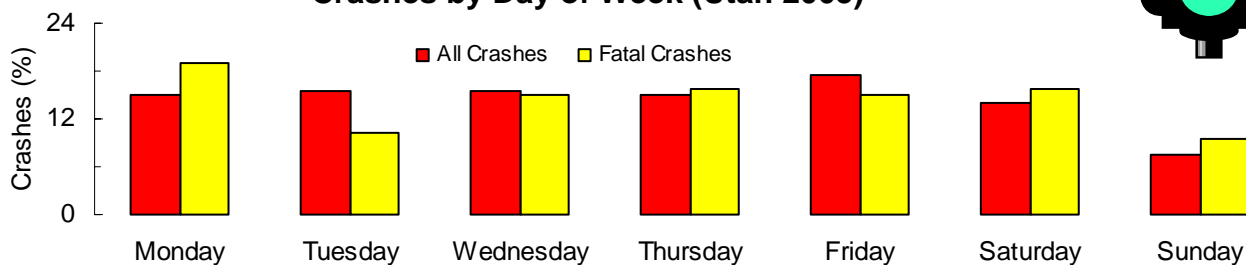
1. Single Vehicle Rollover (44.3%)
2. Broadside (17.9%)
3. Head-On (10.2%)
4. Pedestrian/Bicyclist (9.8%)
5. Rear End (7.2%)

Head-on collisions were 16 times more likely, and single vehicle rollovers were 14 times more likely to result in a fatality than other collisions.

## PERSONS AND CRASHES

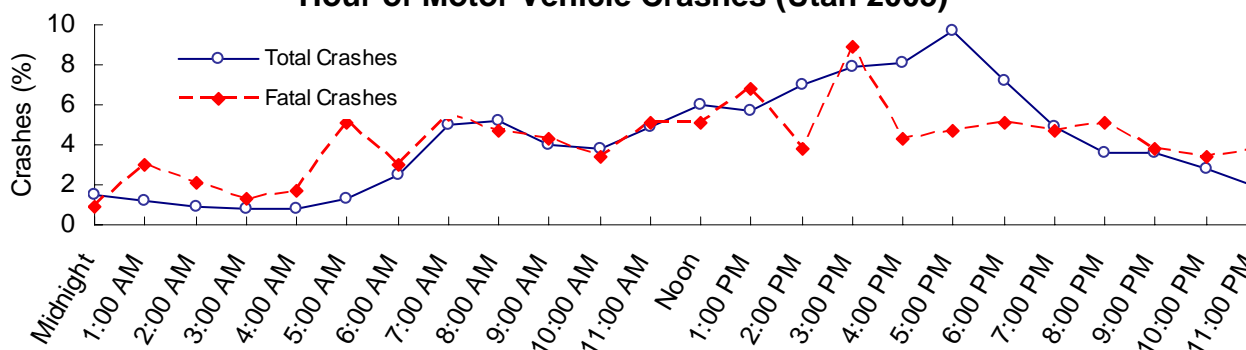


### Crashes by Day of Week (Utah 2005)



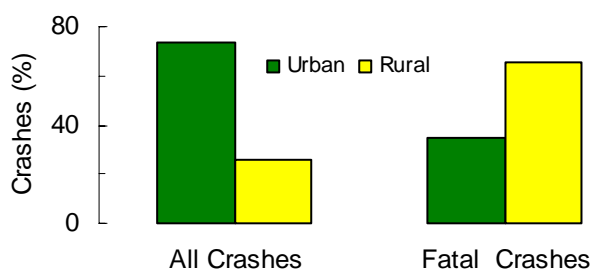
- The highest percentage of total crashes occurred on Friday (17.5%), while the highest percentage of fatal crashes occurred on Monday (19.1%).

### Hour of Motor Vehicle Crashes (Utah 2005)



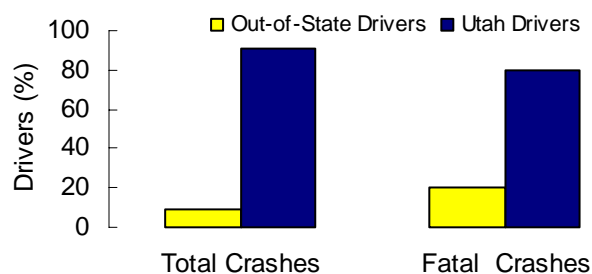
- Total crashes were more likely to occur between 2:00 pm and 6:00 pm, and peaked at 5:00 pm. Fatal crashes varied throughout the day, and peaked at 3:00 pm.

### Urban/Rural Location (Utah 2005)



- While the majority of all crashes occurred in urban areas (73.0%), the majority of fatal crashes occurred in rural areas (65.5%).
- In fact, rural crashes were 5.4 times more likely to be fatal than urban crashes.

### Out-Of-State Drivers (Utah 2005)



- While out-of-state licensed drivers accounted for 8.6% of drivers involved in crashes, they represented 19.9% of drivers involved in fatal crashes.

### Leading Violations (Utah 2005)

#### All Crashes

- Following Too Close (18.2%)
- Failure to Yield Right-of-Way (17.7%)
- Improper Lookout (14.9%)

#### Fatal Crashes

- Vehicle Homicide (42.4%)
- Speeding (18.2%)
- Driving Under the Influence (12.1%)

- Officers at the scene cited 34.1% of drivers involved in a crash for a traffic violation.

# Section 1: Persons and Crashes

## Section 1: Persons and Crashes 2005

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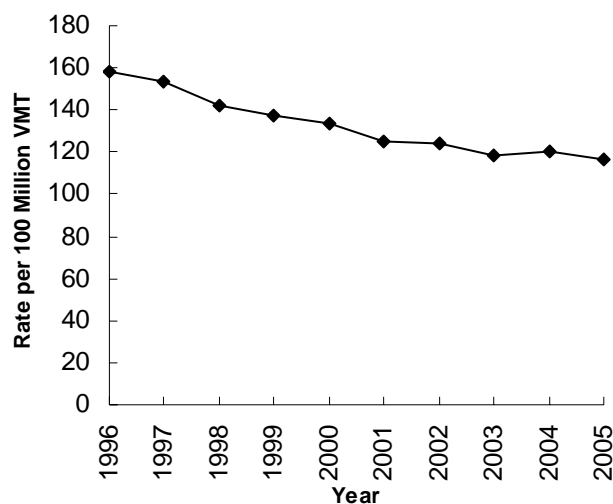
## Trends

### Injured Persons and Fatalities (Utah 1996-2005)

Year	Vehicle Miles Traveled (VMT)	Persons			
		Injured		Killed	
		Persons	Rate per	Persons	Rate per
		Injured #	100 Million VMT	Killed #	100 Million VMT
1996	19,433,341,748	30,711	158.0	321	1.65
1997	20,407,590,239	31,238	153.1	366	1.79
1998	21,236,980,216	30,232	142.4	350	1.65
1999	21,867,355,694	29,959	137.0	360	1.65
2000	22,517,131,427	30,086	133.6	373	1.66
2001	23,398,734,621	29,375	125.5	291	1.24
2002	24,438,992,554	30,433	124.5	328	1.34
2003	23,963,242,376	28,352	118.3	309	1.29
2004	24,624,791,795	29,638	120.4	296	1.20
2005	25,129,538,952	29,221	116.3	282	1.12
Total	227,017,699,622	299,245	131.8	3,276	1.44

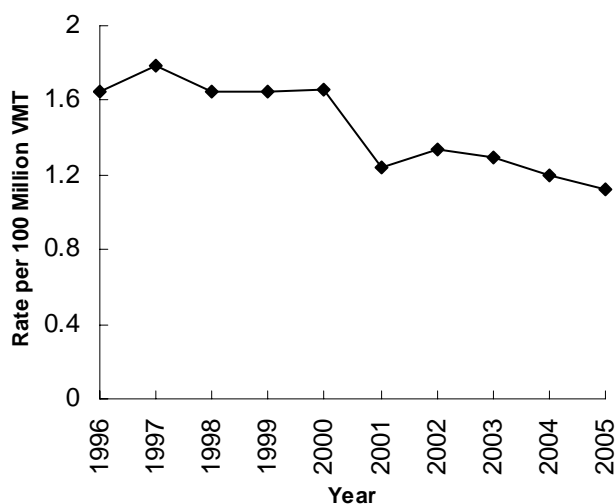
- During the last ten years, approximately 300,000 people have been injured and nearly 3,300 have been killed in motor vehicle crashes.
- In 2005, fewer people were injured in crashes. The 2005 injury rate was 116.3; a 3.4% decrease from 2004.
- Utah experienced a decrease in the number of crash fatalities in 2004. There were 296 fatalities in 2004, which dropped to 282 in 2005. The 2005 fatality rate of 1.12 decreased 6.7% from the 2004 fatality rate.

**Injured Person Rates**  
Per 100 Million Vehicle Miles Traveled  
(Utah 1996-2005)



- Overall, there has been a decreasing trend in the rate of people injured in crashes from 1996 to 2005.
- There has been a 26.4% decrease in the rate of people injured in crashes since 1996.

**Fatality Rates**  
Per 100 Million Vehicle Miles Traveled  
(Utah 1996-2005)



- The rate of people killed in crashes has been decreasing over time. The 2005 fatality rate marks a new all-time low.
- There has been a 32.1% decrease in the rate of people killed in crashes since 1996.

## Trends

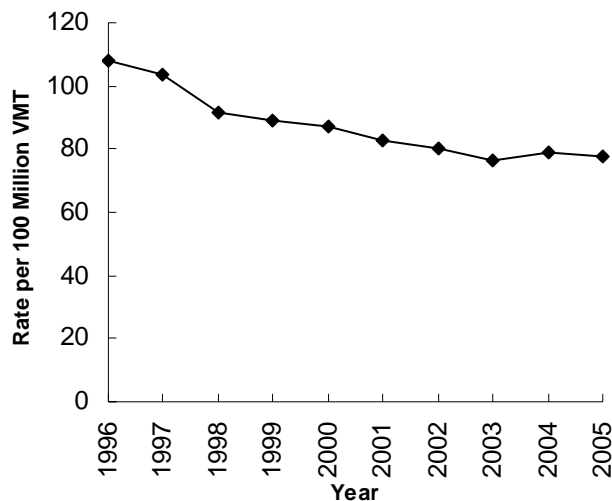
### Crashes (Utah 1996-2005)

Crashes								
	Property Damage Only (PDO)		Injury		Fatal		Total	
	PDO	Rate per	Injury	Rate per	Fatal	Rate per	All	Rate per
	Crashes	100 Million	Crashes	100 Million	Crashes	100 Million	Crashes	100 Million
Year	#	VMT	#	VMT	#	VMT	#	VMT
1996	40,225	207.0	20,988	108.0	284	1.46	61,497	316.5
1997	33,512	164.2	21,131	103.5	309	1.51	54,952	269.3
1998	34,337	161.7	19,427	91.5	308	1.45	54,072	254.6
1999	32,971	150.8	19,513	89.2	318	1.45	52,802	241.5
2000	33,269	147.7	19,564	86.9	318	1.41	53,151	236.0
2001	33,113	141.5	19,332	82.6	258	1.10	52,703	225.2
2002	33,542	137.2	19,552	80.0	274	1.12	53,368	218.4
2003	31,842	132.9	18,285	76.3	262	1.09	50,389	210.3
2004	34,222	139.0	19,423	78.9	260	1.06	53,905	218.9
2005	35,158	139.9	19,545	77.8	235	0.94	54,938	218.6
Total	342,191	150.7	196,760	86.7	2,826	1.24	541,777	238.6

NOTE: A crash may result in multiple injuries and/or fatalities.

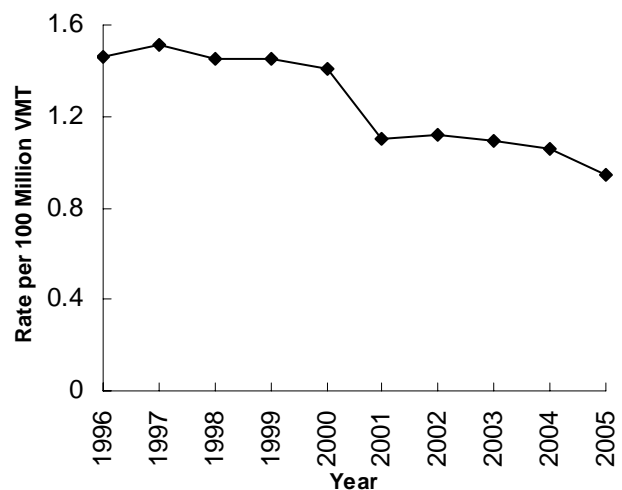
- During the last ten years, approximately 542,000 motor vehicle crashes occurred in Utah. Approximately 197,000 of the crashes involved injuries and nearly 3,000 involved fatalities.
- In 2005, the total crash rate in Utah was 218.6; a very slight decrease from 2004. The injury crash rate was 77.8; a 1.4% decrease from 2004. The 2005 fatal crash rate was 0.94; an 11.3% decrease from 2004.

**Injury Crash Rates**  
Per 100 Million Vehicle Miles Traveled  
(Utah 1996-2005)



- Overall, there has been a decreasing trend in injury crash rates from 1996 to 2005.
- There has been a 28.0% decrease in the injury crash rate since 1996.

**Fatal Crash Rates**  
Per 100 Million Vehicle Miles Traveled  
(Utah 1996-2005)



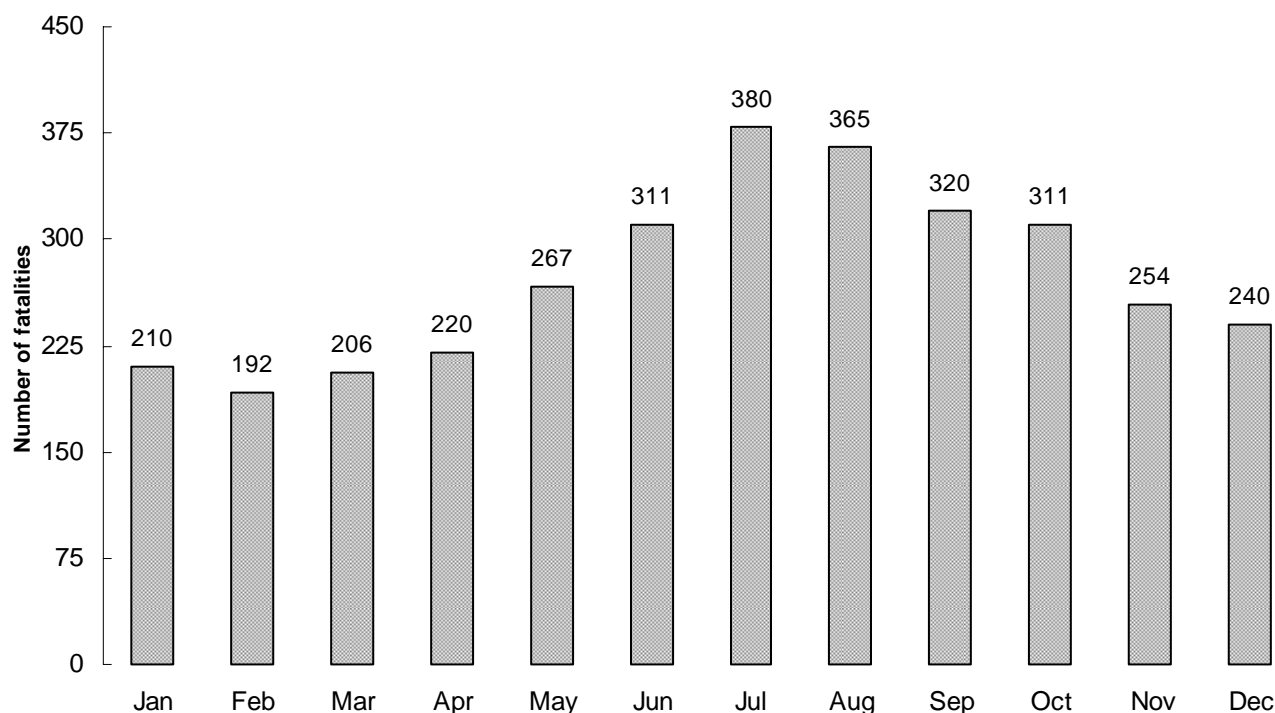
- The above graph reflects a decreasing trend in fatal crash rates from 1996 to 2005. The 2005 fatal crash rate remains at an all time low of 0.94.
- There has been a 35.6% decrease in the fatal crash rate since 1996.

## Trends

### Fatalities by Month (Utah 1996-2005)

Fatalities													
	Month												
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1996	24	8	31	21	23	34	27	42	29	26	29	27	321
1997	19	34	23	20	31	37	38	37	37	31	26	33	366
1998	27	23	18	24	26	29	44	36	42	34	30	17	350
1999	19	16	25	34	37	35	46	29	32	39	25	23	360
2000	30	23	21	27	29	38	50	36	30	33	23	33	373
2001	22	19	12	14	30	24	40	33	21	29	27	20	291
2002	22	17	18	20	28	19	44	36	36	38	27	23	328
2003	22	15	16	22	20	39	38	39	31	25	17	25	309
2004	9	15	28	20	25	31	28	40	31	26	25	18	296
2005	16	22	14	18	18	25	25	37	31	30	25	21	282
Total	210	192	206	220	267	311	380	365	320	311	254	240	3,276

### Fatalities by Month (Utah 1996-2005)



- Since 1996, approximately 3,300 people have been killed in motor vehicle crashes, and those fatalities have varied from month to month.
- A look at the ten-year trend shows that approximately one-third (32.5%) of the total fatalities occurred in July, August and September.
- In the last ten years, July has been the month with the highest number of motor vehicle crash fatalities (380), while February has had the fewest (192).
- In 2005, August (37) was the month with the highest number of fatalities, while March (14) had the fewest.



## Trends

### Holiday Fatalities (Utah 1996-2005)

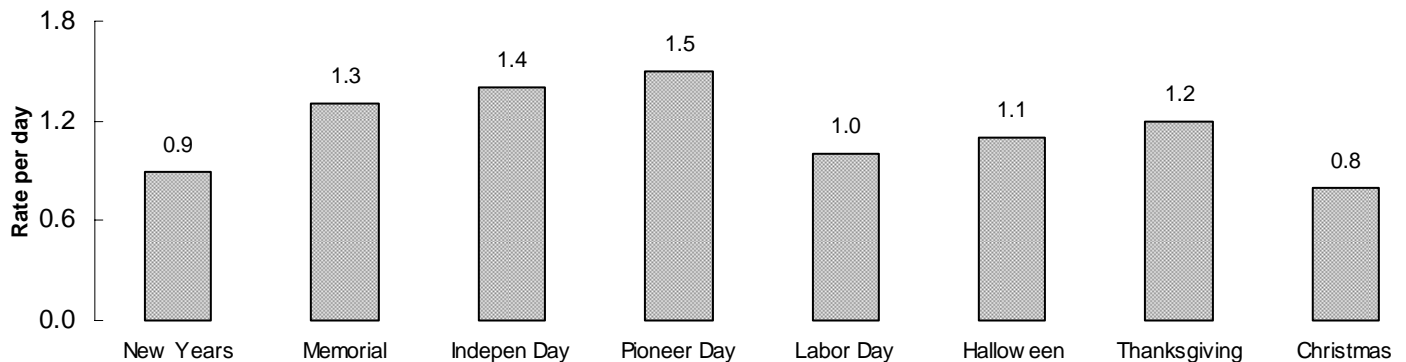
Fatalities																											
	New Years			Memorial			Independence			Pioneer			Labor			Halloween			Thanksgiving			Christmas			Total		
	Day			Day			Day			Day			Day			Day			Day			Day			Day		
			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate			Rate
			per			per			per			per			per			per			per			per			per
Year	#	Days	Day	#	Days	Day	#	Days	Day	#	Days	Day	#	Days	Day	#	Days	Day	#	Days	Day	#	Days	Day	#	Days	Day
1996	10	4	2.5	2	4	0.5	2	5	0.4	4	3	1.3	3	4	0.8	4	5	0.8	7	5	1.4	1	3	0.3	33	33	1.0
1997	3	3	1.0	6	4	1.5	7	4	1.8	11	5	2.2	6	4	1.5	5	4	1.3	6	5	1.2	5	5	1.0	49	34	1.4
1998	2	5	0.4	4	4	1.0	4	3	1.3	2	4	0.5	4	4	1.0	2	3	0.7	10	5	2.0	2	4	0.5	30	32	0.9
1999	1	4	0.3	11	4	2.8	10	3	3.3	5	3	1.7	4	4	1.0	6	3	2.0	8	5	1.6	1	3	0.3	46	29	1.6
2000	2	3	0.7	3	4	0.8	2	3	0.7	5	4	1.3	3	4	0.8	2	3	0.7	2	5	0.4	5	4	1.3	24	30	0.8
2001	3	4	0.8	5	4	1.3	2	3	0.7	8	3	2.7	4	4	1.0	1	3	0.3	7	5	1.4	3	3	1.0	33	29	1.1
2002	2	3	0.7	9	4	2.3	8	5	1.6	9	3	3.0	3	4	0.8	6	5	1.2	7	5	1.4	0	3	0.0	44	32	1.4
2003	3	3	1.0	2	4	0.5	4	4	1.0	7	5	1.4	7	4	1.8	4	4	1.0	2	5	0.4	8	5	1.6	37	34	1.1
2004	1	5	0.2	3	4	0.8	5	3	1.7	0	3	0.0	4	4	1.0	1	3	0.3	7	5	1.4	2	3	0.7	23	30	0.8
2005	5	3	1.7	7	4	1.8	9	4	2.3	4	3	1.3	3	4	0.8	11	4	2.8	4	5	0.8	2	3	0.7	45	30	1.5
Total	32	37	0.9	52	40	1.3	53	37	1.4	55	36	1.5	41	40	1.0	42	37	1.1	60	50	1.2	29	36	0.8	364	313	1.2

**Note: Because of the differing lengths of holidays, the rate per day is provided and should be used for comparisons.**

The above table shows the number of motor vehicle crash fatalities that occurred on holidays for the past ten years. The number of days included in a holiday varied per year. The following criteria was used to determine the number of days included:

- If a holiday occurred on Sunday, Tuesday, Wednesday or Saturday, it was considered a 3-day holiday (the day prior to the holiday, the holiday, and the day after the holiday).
- If a holiday occurred on Monday it was considered a 4-day holiday (the Friday, Saturday, Sunday prior to the holiday, and the Monday holiday).
- If a holiday occurred on Friday it was also considered a 4-day holiday (the Thursday prior to the holiday, the Friday holiday, and the Saturday, Sunday following the holiday).
- If a holiday occurred on Thursday it was considered a 5-day holiday (the Wednesday prior to the holiday, the Thursday holiday, and the Friday, Saturday, Sunday following the holiday).

### Holiday Fatalities (Utah 1996-2005) (Rate Per Day)



- Holiday fatalities are a concern due to increased motor vehicle travel combined with other possible risk factors (e.g., alcohol and other drug impaired driving, fatigue, speeding).
- Over the past ten years, Pioneer Day (1.5) and Independence Day (1.4) had the highest rates of fatalities, while Christmas (0.8) had the lowest rates.
- In 2005, Halloween had the highest rate of fatalities (2.8), while Christmas had the lowest rate (0.7).
- The 2005 rate per day for holiday fatalities was 1.5 which was higher than the rate per day for all 2005 fatalities (0.8).

## Counties

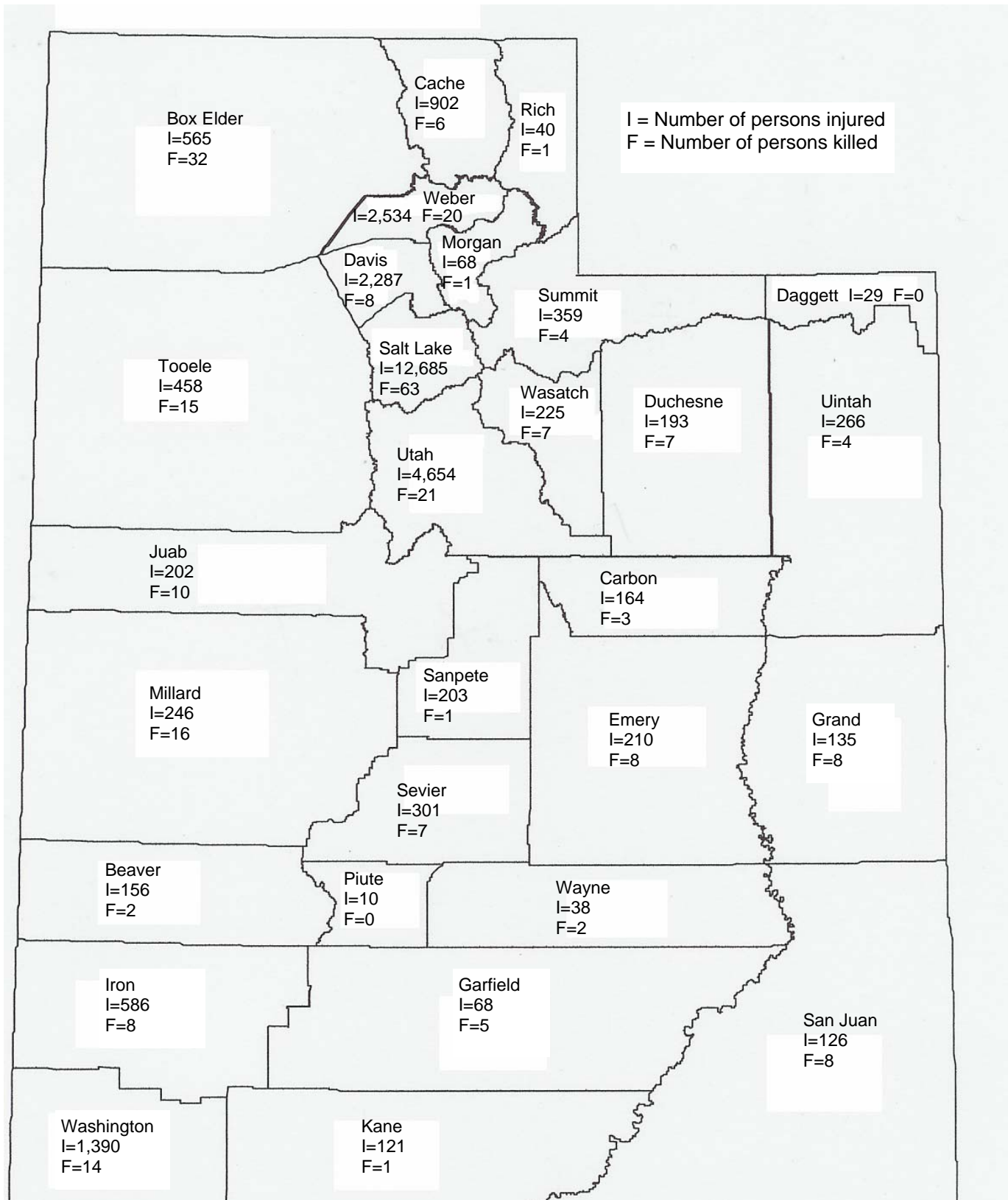
### Persons Involved in Crashes by County (Utah 2005)

Persons												
	Non-Injured			Injured			Killed			Total		
	Non-Injured	Rate	Rate		Rate	Rate		Rate	Rate		Rate	Rate
	Injured	per 100	per	Injured	per 100	per	Persons	per 100	per	All	per 100	per
	Persons	Million	10,000	Persons	Million	10,000	Killed	Million	10,000	Persons	Million	10,000
County	#	VTM	Population	#	VTM	Population	#	VTM	Population	#	VTM	Population
Beaver	375	148.8	591.4	156	61.9	246.0	2	0.8	3.2	533	211.4	840.6
Box Elder	1,676	189.3	369.9	565	63.8	124.7	32	3.6	7.1	2,273	256.8	501.7
Cache	4,409	483.8	425.7	902	99.0	87.1	6	0.7	0.6	5,317	583.4	513.4
Carbon	738	255.4	381.6	164	56.7	84.8	3	1.0	1.6	905	313.1	468.0
Daggett	76	222.7	789.2	29	85.0	301.1	0	0.0	0.0	105	307.6	1,090.3
Davis	9,636	410.2	346.3	2,287	97.4	82.2	8	0.3	0.3	11,931	507.9	428.7
Duchesne	617	297.7	404.9	193	93.1	126.7	7	3.4	4.6	817	394.2	536.2
Emery	483	131.5	460.4	210	57.2	200.2	8	2.2	7.6	701	190.9	668.2
Garfield	239	200.7	508.2	68	57.1	144.6	5	4.2	10.6	312	262.0	663.4
Grand	264	99.4	299.1	135	50.8	153.0	8	3.0	9.1	407	153.3	461.1
Iron	1,812	284.6	437.7	586	92.0	141.6	8	1.3	1.9	2,406	377.9	581.2
Juab	464	117.0	517.0	202	50.9	225.1	10	2.5	11.1	676	170.4	753.3
Kane	448	338.8	721.3	121	91.5	194.8	1	0.8	1.6	570	431.1	917.7
Millard	577	128.9	438.1	246	55.0	186.8	16	3.6	12.1	839	187.5	637.0
Morgan	235	178.7	276.0	68	51.7	79.8	1	0.8	1.2	304	231.2	357.0
Plute	44	171.3	321.6	10	38.9	73.1	0	0.0	0.0	54	210.2	394.7
Rich	133	251.8	645.0	40	75.7	194.0	1	1.9	4.8	174	329.4	843.8
Salt Lake	51,711	635.2	528.6	12,685	155.8	129.7	63	0.8	0.6	64,459	791.8	658.9
San Juan	304	109.5	208.6	126	45.4	86.5	8	2.9	5.5	438	157.8	300.6
Sanpete	454	183.3	178.4	203	82.0	79.8	1	0.4	0.4	658	265.7	258.5
Sevier	675	160.4	343.5	301	71.5	153.2	7	1.7	3.6	983	233.6	500.3
Summit	1,889	268.9	520.6	359	51.1	98.9	4	0.6	1.1	2,252	320.5	620.7
Tooele	1,597	181.2	306.3	458	52.0	87.9	15	1.7	2.9	2,070	234.9	397.1
Uintah	1,138	344.1	423.3	266	80.4	98.9	4	1.2	1.5	1,408	425.7	523.8
Utah	19,146	527.7	419.8	4,654	128.3	102.0	21	0.6	0.5	23,821	656.5	522.3
Wasatch	967	348.3	483.5	225	81.0	112.5	7	2.5	3.5	1,199	431.8	599.5
Washington	5,828	512.2	458.4	1,390	122.2	109.3	14	1.2	1.1	7,232	635.5	568.9
Wayne	80	207.2	319.5	38	98.4	151.8	2	5.2	8.0	120	310.8	479.2
Weber	9,531	617.9	446.0	2,534	164.3	118.6	20	1.3	0.9	12,085	783.4	565.6
Statewide	115,546	459.8	453.6	29,221	116.3	114.7	282	1.1	1.1	145,049	577.2	569.4

- Two different rates are given in the above table; one based on vehicle miles traveled in the county, and another based on the population of the county.
- Rate per 100 million vehicle miles traveled:
  - Weber (164.3), Salt Lake (155.8) and Utah (128.3) had the highest rates of persons injured per 100 million vehicle miles traveled.
  - Wayne (5.2), Garfield (4.2) and Box Elder (3.6) had the highest rates of persons killed per 100 million vehicle miles traveled.
- Rate per 10,000 population:
  - Daggett (301.1), Beaver (246.0) and Juab (225.1) had the highest rates of persons injured per 10,000 population.
  - Millard (12.1), Juab (11.1) and Garfield (10.6) had the highest rates of persons killed per 10,000 population.

## Counties

### Persons Involved in Crashes by County (Utah 2005)



## Counties

### Crashes by County (Utah 2005)

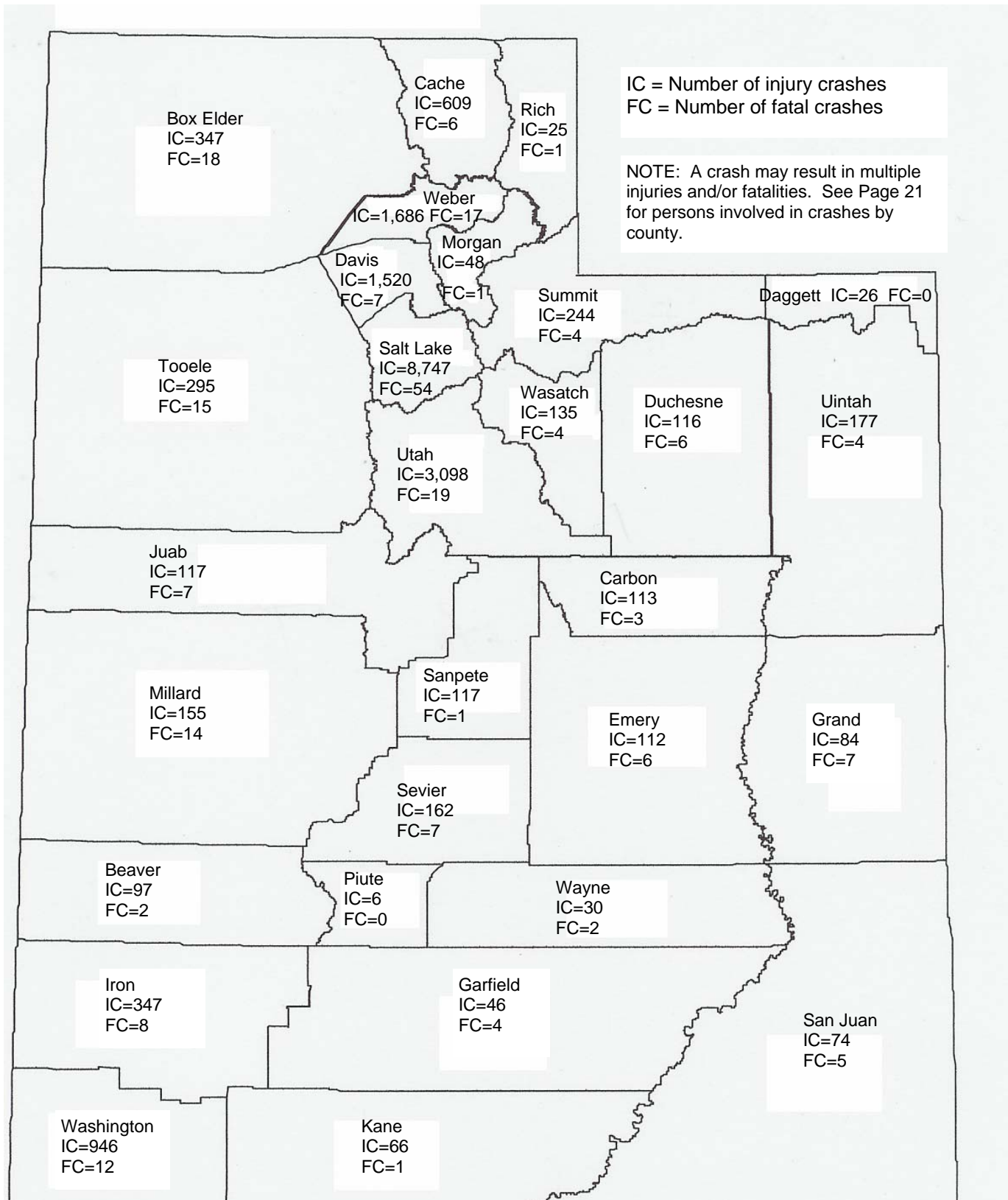
Crashes												
	Property Damage Only (PDO)			Injury			Fatal			Total		
		Rate	Rate		Rate	Rate		Rate	Rate		Rate	Rate
	PDO	per 100	per	Injury	per 100	per	Fatal	per 100	per	All	per 100	per
	Crashes	Million	10,000	Crashes	Million	10,000	Crashes	Million	10,000	Crashes	Million	10,000
County	#	VTM	Population	#	VTM	Population	#	VTM	Population	#	VTM	Population
Beaver	151	59.9	238.1	97	38.5	153.0	2	0.8	3.2	250	99.2	394.3
Box Elder	625	70.6	137.9	347	39.2	76.6	18	2.0	4.0	990	111.8	218.5
Cache	1,357	148.9	131.0	609	66.8	58.8	6	0.7	0.6	1,972	216.4	190.4
Carbon	301	104.1	155.7	113	39.1	58.4	3	1.0	1.6	417	144.3	215.6
Daggett	36	105.5	373.8	26	76.2	270.0	0	0.0	0.0	62	181.6	643.8
Davis	2,795	119.0	100.4	1,520	64.7	54.6	7	0.3	0.3	4,322	184.0	155.3
Duchesne	272	131.2	178.5	116	56.0	76.1	6	2.9	3.9	394	190.1	258.6
Emery	189	51.5	180.2	112	30.5	106.8	6	1.6	5.7	307	83.6	292.6
Garfield	93	78.1	197.7	46	38.6	97.8	4	3.4	8.5	143	120.1	304.1
Grand	106	39.9	120.1	84	31.6	95.2	7	2.6	7.9	197	74.2	223.2
Iron	582	91.4	140.6	347	54.5	83.8	8	1.3	1.9	937	147.2	226.3
Juab	176	44.4	196.1	117	29.5	130.4	7	1.8	7.8	300	75.6	334.3
Kane	159	120.2	256.0	66	49.9	106.3	1	0.8	1.6	226	170.9	363.9
Millard	229	51.2	173.9	155	34.6	117.7	14	3.1	10.6	398	88.9	302.2
Morgan	114	86.7	133.9	48	36.5	56.4	1	0.8	1.2	163	124.0	191.4
Plute	23	89.5	168.1	6	23.4	43.9	0	0.0	0.0	29	112.9	212.0
Rich	53	100.3	257.0	25	47.3	121.2	1	1.9	4.8	79	149.5	383.1
Salt Lake	15,086	185.3	154.2	8,747	107.4	89.4	54	0.7	0.6	23,887	293.4	244.2
San Juan	168	60.5	115.3	74	26.7	50.8	5	1.8	3.4	247	89.0	169.5
Sanpete	169	68.2	66.4	117	47.2	46.0	1	0.4	0.4	287	115.9	112.8
Sevier	299	71.1	152.2	162	38.5	82.4	7	1.7	3.6	468	111.2	238.2
Summit	776	110.5	213.9	244	34.7	67.2	4	0.6	1.1	1,024	145.7	282.2
Tooele	553	62.8	106.1	295	33.5	56.6	15	1.7	2.9	863	97.9	165.5
Uintah	406	122.8	151.0	177	53.5	65.8	4	1.2	1.5	587	177.5	218.4
Utah	5,580	153.8	122.3	3,098	85.4	67.9	19	0.5	0.4	8,697	239.7	190.7
Wasatch	393	141.5	196.5	135	48.6	67.5	4	1.4	2.0	532	191.6	266.0
Washington	1,586	139.4	124.8	946	83.1	74.4	12	1.1	0.9	2,544	223.6	200.1
Wayne	34	88.1	135.8	30	77.7	119.8	2	5.2	8.0	66	171.0	263.6
Weber	2,847	184.6	133.2	1,686	109.3	78.9	17	1.1	0.8	4,550	295.0	212.9
Statewide	35,158	139.9	138.0	19,545	77.8	76.7	235	0.9	0.9	54,938	218.6	215.7

NOTE: A crash may result in multiple injuries and/or fatalities.

- Two different rates are given in the above table; one based on vehicle miles traveled in the county, and another based on the population of the county.
- Rate per 100 million vehicle miles traveled:
  - Weber (109.3), Salt Lake (107.4) and Utah (85.4) had the highest rates of injury crashes per 100 million vehicle miles traveled.
  - Wayne (5.2), Garfield (3.4) and Millard (3.1) had the highest rates of fatal crashes per 100 million vehicle miles traveled.
- Rate per 10,000 population:
  - Daggett (270.0), Beaver (153.0) and Juab (130.4) had the highest rates of injury crashes per 10,000 population.
  - Millard (10.6), Garfield (8.5) and Wayne (8.0) had the highest rates of fatal crashes per 10,000 population.

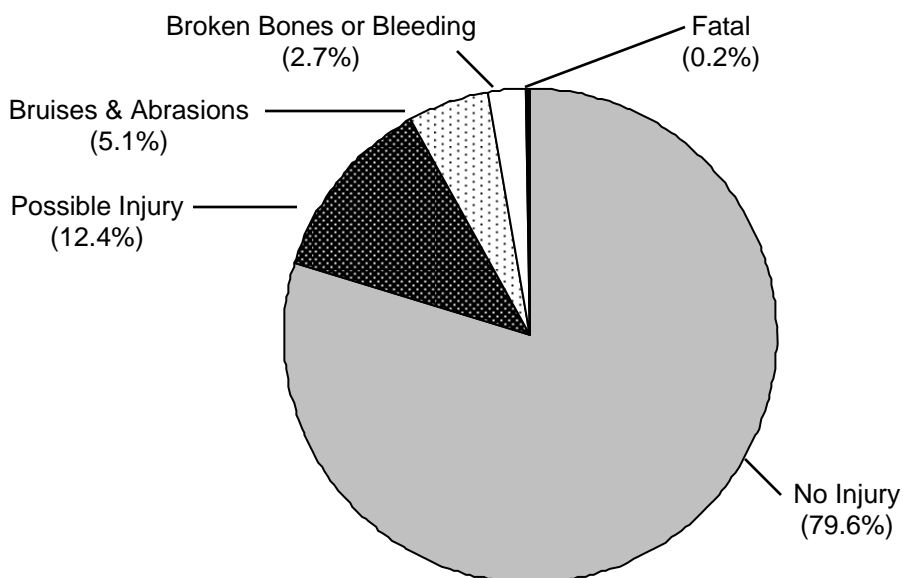
## Counties

### Crashes by County (Utah 2005)



## Occupant Characteristics (Including Driver)

### Injury Severity (Utah 2005)



- In the above graph, there were a total of 145,049 persons involved in crashes.
- Although many people were injured and killed in Utah's motor vehicle crashes, the majority (79.6%) of crash occupants did not sustain an injury.
- Even though 0.2% of crash occupants were killed, 0.4% of all crashes were fatal. This indicates that persons in the same crash event have different injury experiences. Many factors influence injury patterns including seatbelt use, seat position, and vehicle safety equipment.

### Occupant Placement (Utah 2005)

Persons								
Occupant Placement	Non-Injured Persons		Injured Persons		Persons Killed		Total Persons	
	#	%	#	%	#	%	#	%
Driver	79,602	68.9%	19,140	65.5%	161	57.1%	98,903	68.2%
Front Seat Passenger	18,960	16.4%	5,447	18.6%	52	18.4%	24,459	16.9%
Back Seat Passenger	16,402	14.2%	3,107	10.6%	29	10.3%	19,538	13.5%
Bicyclist	61	0.1%	654	2.2%	3	1.1%	718	0.5%
Pedestrian	35	0.0%	626	2.1%	20	7.1%	681	0.5%
Cargo Area	297	0.3%	162	0.6%	5	1.8%	464	0.3%
Other	27	0.0%	17	0.1%	0	0.0%	44	0.0%
Unknown	162	0.1%	68	0.2%	12	4.3%	242	0.2%
<b>Total</b>	<b>115,546</b>	<b>100.0%</b>	<b>29,221</b>	<b>100.0%</b>	<b>282</b>	<b>100.0%</b>	<b>145,049</b>	<b>100.0%</b>

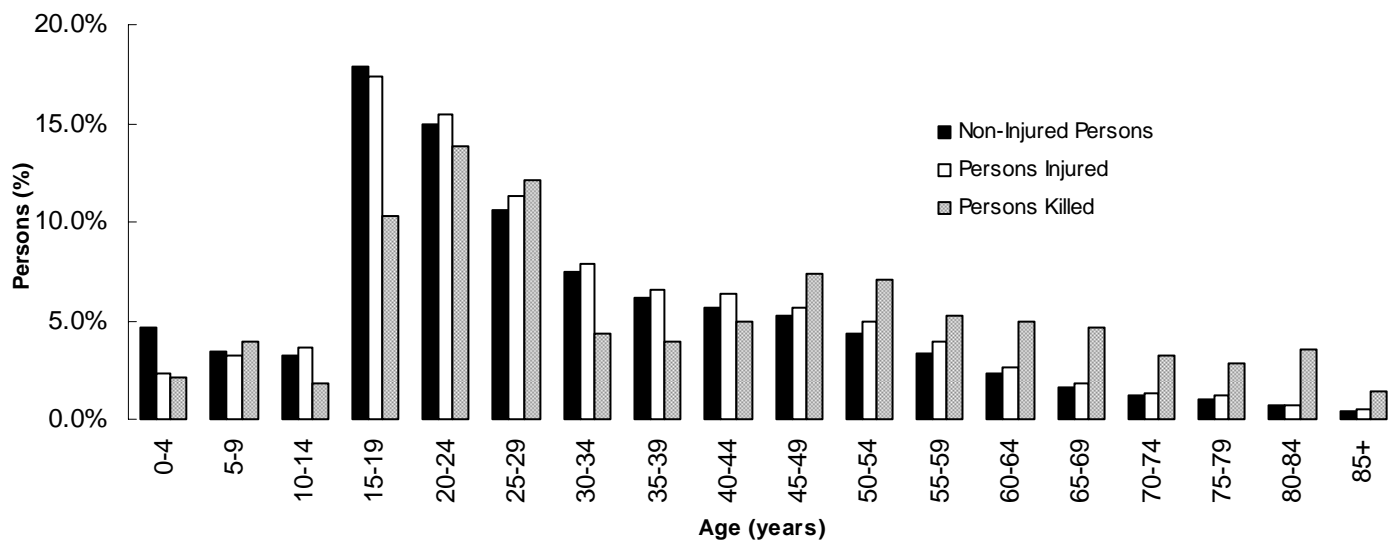
- The above table shows the injury levels by occupant placement in the crash.
- Pedestrians involved in a crash had the greatest risk of sustaining a fatal injury. In fact, pedestrians were 17 times more likely than other crash occupants to sustain a fatal injury.

## Occupant Characteristics (Including Driver)

### Age of Crash Occupants (Utah 2005)

Persons								
	Non-Injured Persons		Injured Persons		Persons Killed		Total Persons	
Age	#	%	#	%	#	%	#	%
0-4	5,320	4.6%	676	2.3%	6	2.1%	6,002	4.1%
5-9	3,967	3.4%	928	3.2%	11	3.9%	4,906	3.4%
10-14	3,725	3.2%	1,058	3.6%	5	1.8%	4,788	3.3%
15-19	20,710	17.9%	5,078	17.4%	29	10.3%	25,817	17.8%
20-24	17,378	15.0%	4,520	15.5%	39	13.8%	21,937	15.1%
25-29	12,219	10.6%	3,302	11.3%	34	12.1%	15,555	10.7%
30-34	8,693	7.5%	2,321	7.9%	12	4.3%	11,026	7.6%
35-39	7,187	6.2%	1,915	6.6%	11	3.9%	9,113	6.3%
40-44	6,580	5.7%	1,874	6.4%	14	5.0%	8,468	5.8%
45-49	6,074	5.3%	1,664	5.7%	21	7.4%	7,759	5.3%
50-54	4,922	4.3%	1,448	5.0%	20	7.1%	6,390	4.4%
55-59	3,851	3.3%	1,129	3.9%	15	5.3%	4,995	3.4%
60-64	2,701	2.3%	760	2.6%	14	5.0%	3,475	2.4%
65-69	1,859	1.6%	523	1.8%	13	4.6%	2,395	1.7%
70-74	1,394	1.2%	372	1.3%	9	3.2%	1,775	1.2%
75-79	1,126	1.0%	337	1.2%	8	2.8%	1,471	1.0%
80-84	759	0.7%	212	0.7%	10	3.5%	981	0.7%
85+	429	0.4%	142	0.5%	4	1.4%	575	0.4%
Unknown	6,652	5.8%	962	3.3%	7	2.5%	7,621	5.3%
Total	115,546	100.0%	29,221	100.0%	282	100.0%	145,049	100.0%

### Age of Crash Occupants (Utah 2005)



- Overall, the largest proportion of persons involved in crashes (17.8%) were aged 15 to 19 years. In addition, persons aged 15 to 19 years represented the highest proportion of persons injured (17.4%). The highest proportion of persons killed were aged 20 to 24 years (13.8%).
- While persons aged 65 years and older represented a small proportion of the persons involved in crashes (5.0%), individuals of this age group were 3.6 times more likely than all other age groups to sustain a fatal injury.

## Occupant Characteristics (Including Driver)

### Gender of Crash Occupants (Utah 2005)

Persons								
Gender	Non-Injured Persons		Injured Persons		Persons Killed		Total Persons	
	#	%	#	%	#	%	#	%
Female	48,602	42.1%	15,394	52.7%	89	31.6%	64,085	44.2%
Male	63,670	55.1%	13,631	46.6%	193	68.4%	77,494	53.4%
Unknown	3,274	2.8%	196	0.7%	0	0.0%	3,470	2.4%
Total	115,546	100.0%	29,221	100.0%	282	100.0%	145,049	100.0%

- The above table shows that males comprised over half (53.4%) of all persons involved in crashes.
- While males had a higher percentage of fatal injuries (68.4%) than females, female occupants had a slightly higher percentage of injuries (52.7%) than males.

### Age and Gender of Fatalities (Utah 2005)

Fatalities						
Age	Female		Male		Total	
	#	%	#	%	#	%
0-4	2	2.2%	4	2.1%	6	2.1%
5-9	4	4.5%	7	3.6%	11	3.9%
10-14	1	1.1%	4	2.1%	5	1.8%
15-19	9	10.1%	20	10.4%	29	10.3%
20-24	15	16.9%	24	12.4%	39	13.8%
25-29	9	10.1%	25	13.0%	34	12.1%
30-34	3	3.4%	9	4.7%	12	4.3%
35-39	4	4.5%	7	3.6%	11	3.9%
40-44	2	2.2%	12	6.2%	14	5.0%
45-49	7	7.9%	14	7.3%	21	7.4%
50-54	7	7.9%	13	6.7%	20	7.1%
55-59	6	6.7%	9	4.7%	15	5.3%
60-64	4	4.5%	10	5.2%	14	5.0%
65-69	4	4.5%	9	4.7%	13	4.6%
70-74	2	2.2%	7	3.6%	9	3.2%
75-79	1	1.1%	7	3.6%	8	2.8%
80-84	4	4.5%	6	3.1%	10	3.5%
85+	1	1.1%	3	1.6%	4	1.4%
Unknown	4	4.5%	3	1.6%	7	2.5%
Total	89	100.0%	193	100.0%	282	100.0%

- Taking a closer look at the gender of crash fatalities shows that the highest percentage of fatalities involved males aged 25 to 29 years (13.0%) and 20 to 24 years (12.4%).
- For females, the highest percentage of fatalities occurred in the 20 to 24 year (16.9%) age group.

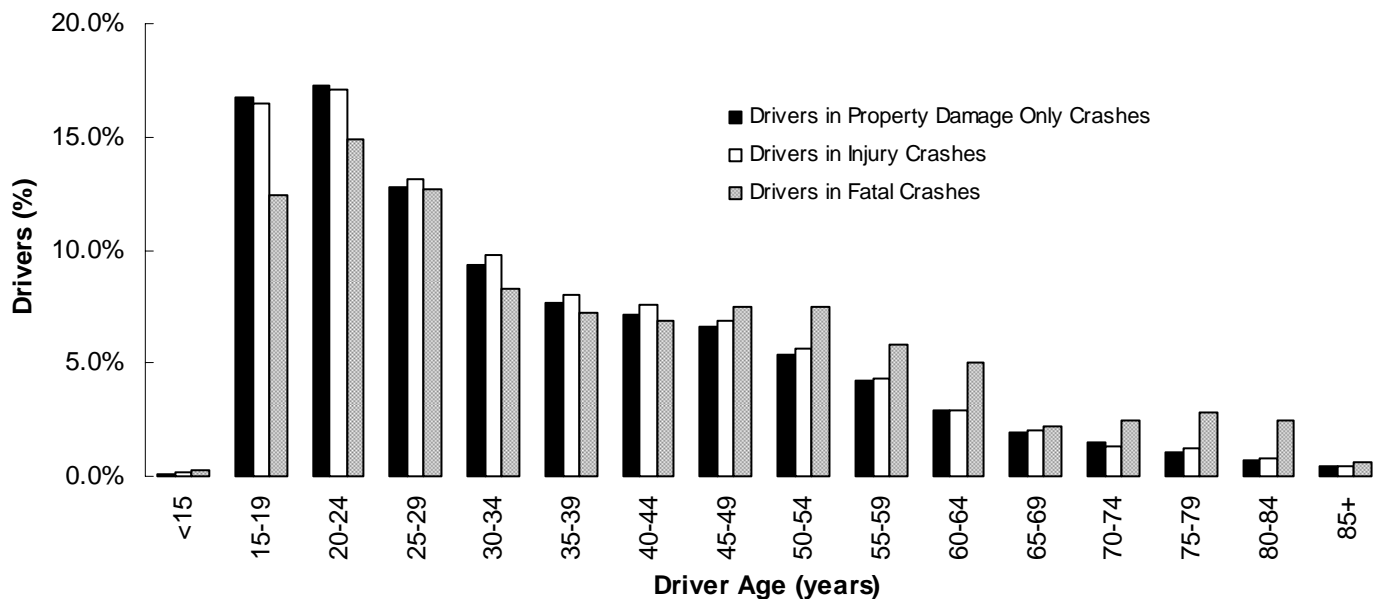


## Driver Characteristics

### Driver Age (Utah 2005)

Age	Drivers							
	Drivers Involved in Property Damage Only Crashes		Drivers Involved in Injury Crashes		Drivers Involved in Fatal Crashes		Total Drivers Involved in Crashes	
	#	%	#	%	#	%	#	%
<15	53	0.1%	55	0.2%	1	0.3%	109	0.1%
15-19	10,364	16.7%	6,015	16.5%	45	12.4%	16,424	16.6%
20-24	10,715	17.3%	6,237	17.1%	54	14.9%	17,006	17.2%
25-29	7,959	12.8%	4,786	13.1%	46	12.7%	12,791	12.9%
30-34	5,772	9.3%	3,568	9.8%	30	8.3%	9,370	9.5%
35-39	4,803	7.7%	2,921	8.0%	26	7.2%	7,750	7.8%
40-44	4,403	7.1%	2,772	7.6%	25	6.9%	7,200	7.3%
45-49	4,073	6.6%	2,521	6.9%	27	7.5%	6,621	6.7%
50-54	3,351	5.4%	2,053	5.6%	27	7.5%	5,431	5.5%
55-59	2,615	4.2%	1,564	4.3%	21	5.8%	4,200	4.2%
60-64	1,800	2.9%	1,045	2.9%	18	5.0%	2,863	2.9%
65-69	1,190	1.9%	739	2.0%	8	2.2%	1,937	2.0%
70-74	910	1.5%	476	1.3%	9	2.5%	1,395	1.4%
75-79	708	1.1%	450	1.2%	10	2.8%	1,168	1.2%
80-84	447	0.7%	291	0.8%	9	2.5%	747	0.8%
85+	244	0.4%	152	0.4%	2	0.6%	398	0.4%
Unknown	2,570	4.1%	906	2.5%	4	1.1%	3,480	3.5%
Total	61,977	100.0%	36,551	100.0%	362	100.0%	98,890	100.0%

### Age of Drivers Involved in Crashes (Utah 2005)



- The age distribution of drivers involved in property damage only crashes and injury crashes were similar. Drivers aged 15 to 24 years represented 34.0% of the drivers involved in property damage only crashes. Drivers aged 15 to 24 years represented 33.6% of the drivers involved in injury crashes.
- Drivers aged 20 to 29 represented the largest percentage of drivers involved in fatal crashes (27.6%).

## Driver Characteristics

### Driver Gender (Utah 2005)

Drivers								
	Drivers Involved in Property Damage Only Crashes		Drivers Involved in Injury Crashes		Drivers Involved in Fatal Crashes		Total Drivers Involved in Crashes	
Gender	#	%	#	%	#	%	#	%
Female	24,138	38.9%	16,105	44.1%	92	25.4%	40,335	40.8%
Male	35,931	58.0%	19,869	54.4%	269	74.3%	56,069	56.7%
Unknown	1,908	3.1%	577	1.6%	1	0.3%	2,486	2.5%
<b>Total</b>	<b>61,977</b>	<b>100.0%</b>	<b>36,551</b>	<b>100.0%</b>	<b>362</b>	<b>100.0%</b>	<b>98,890</b>	<b>100.0%</b>

- The above table shows males represented 56.7% of all drivers involved in a crash, 74.3% of drivers involved in fatal crashes, and 54.4% of drivers involved in injury crashes.

### Out-of-State Drivers (Utah 2005)

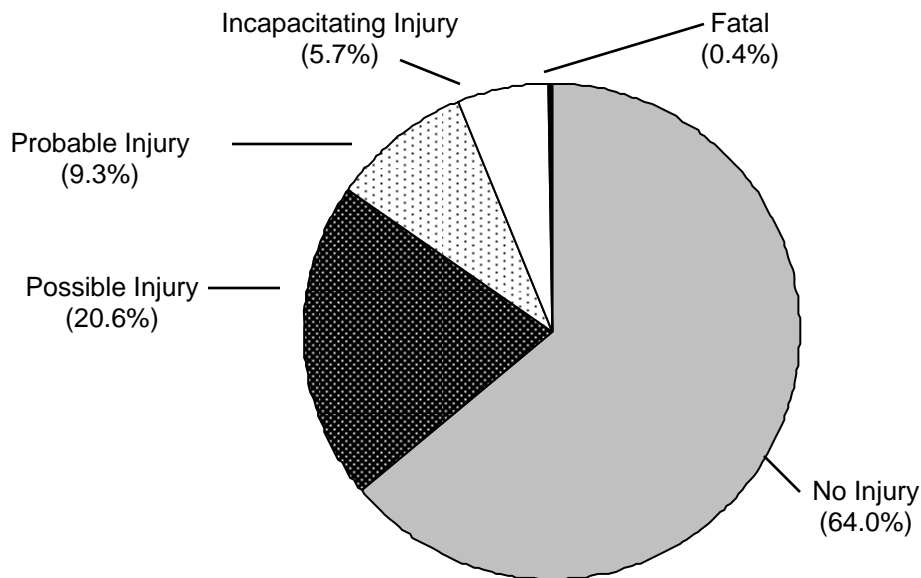
Drivers								
	Drivers Involved in PDO Crashes		Drivers Involved in Injury Crashes		Drivers Involved in Fatal Crashes		Total Drivers in Crashes	
	#	%	#	%	#	%	#	%
Out-Of-State	5,336	8.6%	3,095	8.5%	72	19.9%	8,503	8.6%
Utah	56,497	91.2%	33,404	91.4%	288	79.6%	90,189	91.2%
Missing	144	0.2%	52	0.1%	2	0.6%	198	0.2%
<b>Total</b>	<b>61,977</b>	<b>100.0%</b>	<b>36,551</b>	<b>100.0%</b>	<b>362</b>	<b>100.0%</b>	<b>98,890</b>	<b>100.0%</b>

- Although out-of-state licensed drivers represented 8.6% of all drivers involved in crashes, they represented 19.9% of drivers involved in fatal crashes. This may be due in part to fatigued driving on out-of-state trips.
- There were several counties that had a disproportionate amount of out-of-state drivers involved in crashes. Most notably, in Kane (47.6%), San Juan (45.5%), and Grand (41.0%) almost half of the drivers involved in crashes in these counties were out-of-state drivers. These drivers may place an extra burden on the residents and medical services in these counties.

Drivers			
	All Drivers	Out-of-State Drivers	
County	#	#	%
Beaver	328	100	30.5%
Box Elder	1,385	291	21.0%
Cache	3,619	353	9.8%
Carbon	608	60	9.9%
Daggett	67	22	32.8%
Davis	8,054	498	6.2%
Duchesne	493	33	6.7%
Emery	397	132	33.2%
Garfield	172	57	33.1%
Grand	266	109	41.0%
Iron	1,445	313	21.7%
Juab	389	81	20.8%
Kane	288	137	47.6%
Millard	468	133	28.4%
Morgan	204	43	21.1%
Piute	34	5	14.7%
Rich	97	23	23.7%
Salt Lake	45,227	2,283	5.0%
San Juan	288	131	45.5%
Sanpete	430	17	4.0%
Sevier	616	164	26.6%
Summit	1,539	347	22.5%
Tooele	1,331	145	10.9%
Uintah	913	69	7.6%
Utah	16,238	1,682	10.4%
Wasatch	745	71	9.5%
Washington	4,566	618	13.5%
Wayne	80	25	31.3%
Weber	8,603	561	6.5%
<b>Total</b>	<b>98,890</b>	<b>8,503</b>	<b>8.6%</b>

## Crash Characteristics

### Crash Severity (Utah 2005)



NOTE: A crash may result in multiple injuries and/or fatalities.

- In the above graph, there were a total of 54,938 crashes that occurred in Utah during 2005.
- Of those 54,938 crashes, 64.0% resulted in property damage only, 35.6% resulted in some level of non-fatal injury, and 0.4% involved a fatality.

### Month of Year (Utah 2005)

Crashes									
	Days in	Property Damage Only (PDO)		Injury		Fatal		Total	
	the Month	PDO	Rate	Injury	Rate	Fatal	Rate	All	Rate
Month	#	Crashes	per	Crashes	per	Crashes	per	Crashes	per
		#	Day	#	Day	#	Day	#	Day
January	31	3,183	102.7	1,426	46.0	13	0.42	4,622	149.1
February	28	2,676	95.6	1,350	48.2	16	0.57	4,042	144.4
March	31	2,926	94.4	1,619	52.2	13	0.42	4,558	147.0
April	30	2,631	87.7	1,560	52.0	17	0.57	4,208	140.3
May	31	2,957	95.4	1,793	57.8	18	0.58	4,768	153.8
June	30	2,610	87.0	1,707	56.9	20	0.67	4,337	144.6
July	31	2,572	83.0	1,652	53.3	22	0.71	4,246	137.0
August	31	2,899	93.5	1,838	59.3	35	1.13	4,772	153.9
September	30	2,876	95.9	1,692	56.4	20	0.67	4,588	152.9
October	31	2,856	92.1	1,709	55.1	25	0.81	4,590	148.1
November	30	3,097	103.2	1,557	51.9	21	0.70	4,675	155.8
December	31	3,875	125.0	1,642	53.0	15	0.48	5,532	178.5
Total	365	35,158	96.3	19,545	53.5	235	0.64	54,938	150.5

- The above table shows December had the highest rate of total crashes per day (178.5), while August (1.13) had the highest rates of fatal crashes per day.
- August had the highest rate of injury crashes per day (59.3) followed closely by May (57.8).

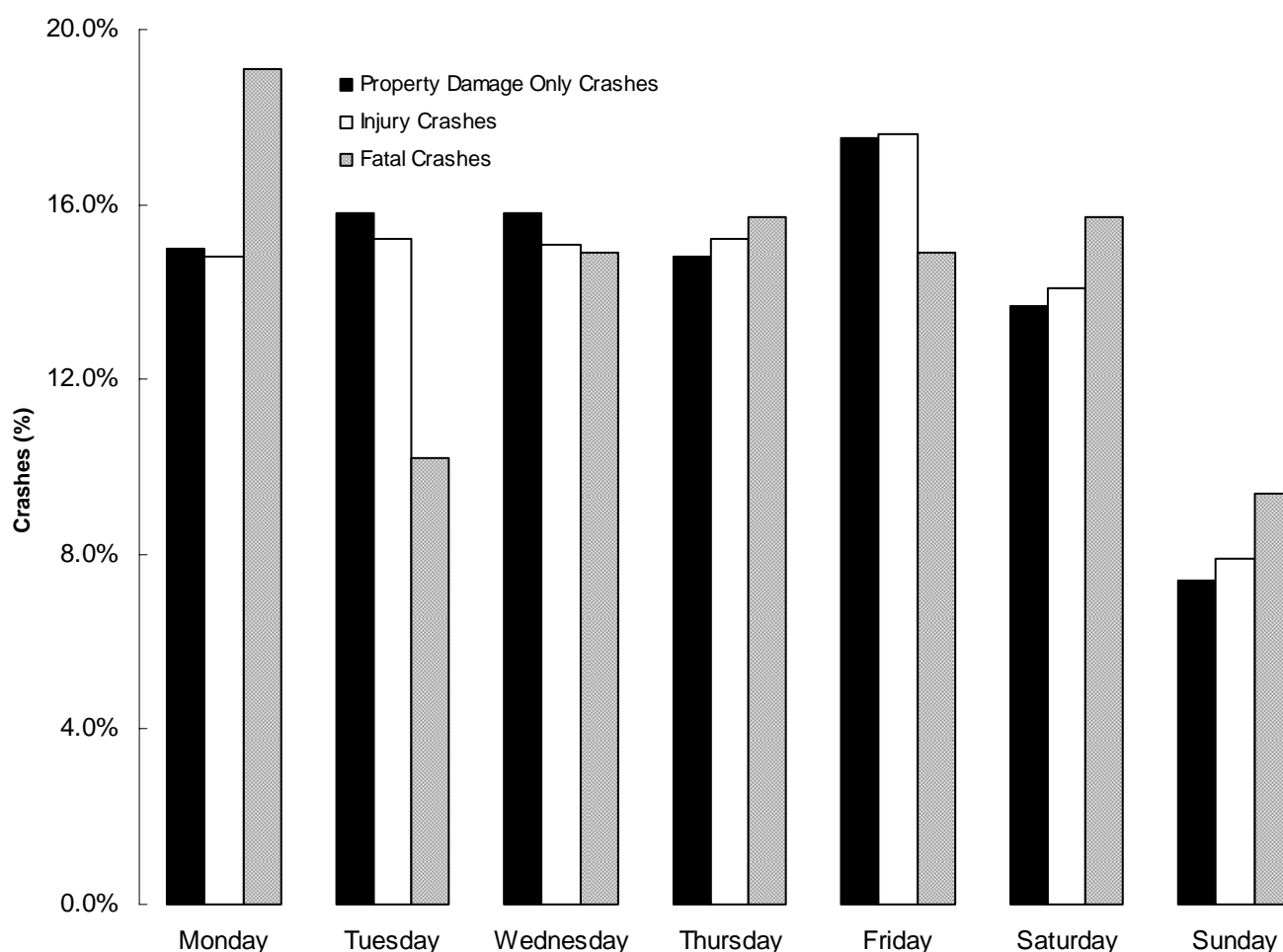
## Crash Characteristics

### Day of Week (Utah 2005)

Crashes								
Day of Week	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
	#	%	#	%	#	%	#	%
Monday	5,271	15.0%	2,899	14.8%	45	19.1%	8,215	15.0%
Tuesday	5,566	15.8%	2,962	15.2%	24	10.2%	8,552	15.6%
Wednesday	5,543	15.8%	2,957	15.1%	35	14.9%	8,535	15.5%
Thursday	5,200	14.8%	2,980	15.2%	37	15.7%	8,217	15.0%
Friday	6,157	17.5%	3,446	17.6%	35	14.9%	9,638	17.5%
Saturday	4,827	13.7%	2,754	14.1%	37	15.7%	7,618	13.9%
Sunday	2,594	7.4%	1,547	7.9%	22	9.4%	4,163	7.6%
Total	35,158	100.0%	19,545	100.0%	235	100.0%	54,938	100.0%

NOTE: A crash may result in multiple injuries and/or fatalities.

### Crashes by Day of Week (Utah 2005)



- The above table and graph show that the highest percentage of total crashes (17.5%), property damage only crashes (17.5%) and injury crashes (17.6%) occurred on Friday. The highest percentage of fatal crashes occurred on Monday (19.1%).

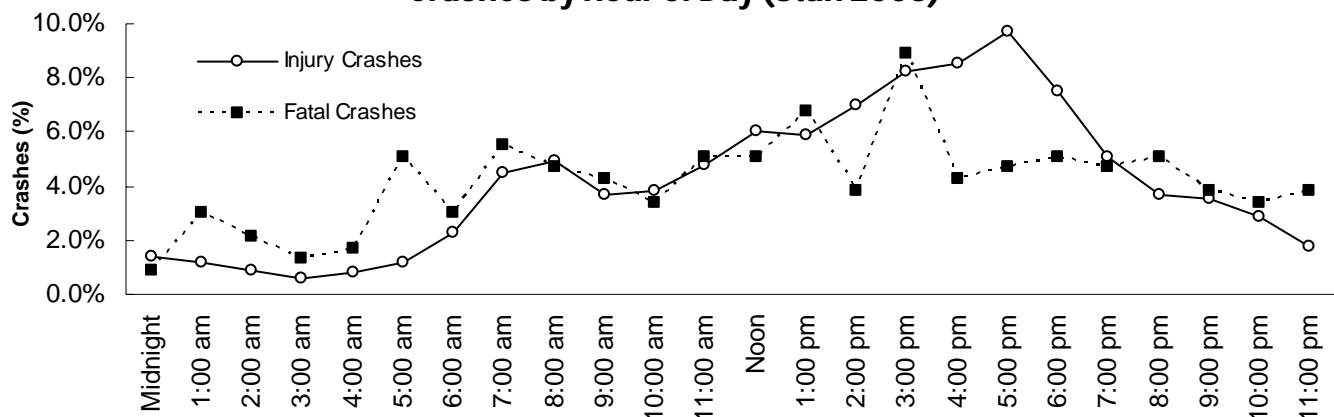
## Crash Characteristics

### Hour of Day (Utah 2005)

Crashes								
	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
Hour	#	%	#	%	#	%	#	%
Midnight	519	1.5%	282	1.4%	2	0.9%	803	1.5%
1:00 am	414	1.2%	234	1.2%	7	3.0%	655	1.2%
2:00 am	296	0.8%	183	0.9%	5	2.1%	484	0.9%
3:00 am	290	0.8%	121	0.6%	3	1.3%	414	0.8%
4:00 am	260	0.7%	163	0.8%	4	1.7%	427	0.8%
5:00 am	456	1.3%	235	1.2%	12	5.1%	703	1.3%
6:00 am	909	2.6%	441	2.3%	7	3.0%	1,357	2.5%
7:00 am	1,867	5.3%	882	4.5%	13	5.5%	2,762	5.0%
8:00 am	1,883	5.4%	952	4.9%	11	4.7%	2,846	5.2%
9:00 am	1,449	4.1%	724	3.7%	10	4.3%	2,183	4.0%
10:00 am	1,327	3.8%	745	3.8%	8	3.4%	2,080	3.8%
11:00 am	1,720	4.9%	942	4.8%	12	5.1%	2,674	4.9%
Noon	2,099	6.0%	1,167	6.0%	12	5.1%	3,278	6.0%
1:00 pm	1,992	5.7%	1,149	5.9%	16	6.8%	3,157	5.7%
2:00 pm	2,453	7.0%	1,376	7.0%	9	3.8%	3,838	7.0%
3:00 pm	2,707	7.7%	1,599	8.2%	21	8.9%	4,327	7.9%
4:00 pm	2,788	7.9%	1,670	8.5%	10	4.3%	4,468	8.1%
5:00 pm	3,409	9.7%	1,898	9.7%	11	4.7%	5,318	9.7%
6:00 pm	2,465	7.0%	1,457	7.5%	12	5.1%	3,934	7.2%
7:00 pm	1,693	4.8%	989	5.1%	11	4.7%	2,693	4.9%
8:00 pm	1,237	3.5%	729	3.7%	12	5.1%	1,978	3.6%
9:00 pm	1,294	3.7%	687	3.5%	9	3.8%	1,990	3.6%
10:00 pm	955	2.7%	561	2.9%	8	3.4%	1,524	2.8%
11:00 pm	676	1.9%	359	1.8%	9	3.8%	1,044	1.9%
Unknown	0	0.0%	0	0.0%	1	0.4%	1	0.0%
Total	35,158	100.0%	19,545	100.0%	235	100.0%	54,938	100.0%

NOTE: A crash may result in multiple injuries and/or fatalities.

### Crashes by Hour of Day (Utah 2005)



- In 2005, total crashes and injury crashes were more likely to occur between 2:00 pm and 6:00 pm, with a peak at 5:00 pm (evening rush hour).
- Fatal crashes varied throughout the day, and peaked at 3:00 pm.

## Crash Characteristics

### Collision Description (Utah 2005)

Crashes								
Collision Description	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
	#	%	#	%	#	%	#	%
Rear End	10,404	29.6%	6,171	31.6%	17	7.2%	16,592	30.2%
Broadside	6,175	17.6%	5,174	26.5%	42	17.9%	11,391	20.7%
Side Swipe	2,853	8.1%	791	4.0%	10	4.3%	3,654	6.7%
Single Vehicle Rollover	968	2.8%	1,954	10.0%	104	44.3%	3,026	5.5%
Bicyclist/Pedestrian Crash	78	0.2%	1,189	6.1%	23	9.8%	1,290	2.3%
Head-On	165	0.5%	226	1.2%	24	10.2%	415	0.8%
Other	14,515	41.3%	4,040	20.7%	15	6.4%	18,570	33.8%
<b>Total</b>	<b>35,158</b>	<b>100.0%</b>	<b>19,545</b>	<b>100.0%</b>	<b>235</b>	<b>100.0%</b>	<b>54,938</b>	<b>100.0%</b>

NOTE: A crash may result in multiple injuries and/or fatalities.

- For all crashes, the leading collision types (excluding other) were rear end (30.2%), and broadside (20.7%).
- For fatal crashes, the leading collision types (excluding other) were single vehicle rollover (44.3%), and broadside (17.9%).
- Head-on collisions were 16 times more likely, and single vehicle rollovers were 14 times more likely to result in a fatality than other collisions.

### Urban/Rural Location (Utah 2005)

Crashes								
Urban/Rural Location	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
	#	%	#	%	#	%	#	%
Rural Area - Up to 5,000	9,535	27.1%	4,630	23.7%	154	65.5%	14,319	26.1%
Small Urban - 5,000 to 49,999	2,003	5.7%	1,047	5.4%	6	2.6%	3,056	5.6%
Moderate Urban - 50,000 to 199,999	885	2.5%	436	2.2%	5	2.1%	1,326	2.4%
Large Urban - 200,000 or More	22,390	63.7%	13,246	67.8%	69	29.4%	35,705	65.0%
Missing	345	1.0%	186	1.0%	1	0.4%	532	1.0%
<b>Total</b>	<b>35,158</b>	<b>100.0%</b>	<b>19,545</b>	<b>100.0%</b>	<b>235</b>	<b>100.0%</b>	<b>54,938</b>	<b>100.0%</b>

NOTE: A crash may result in multiple injuries and/or fatalities.

- While the majority of all crashes (73.0%) as well as the majority of injury crashes (75.4%) occurred in small, moderate and large urban areas, the majority of fatal crashes occurred in rural areas (65.5%).
- In fact, crashes occurring in rural areas were 5.4 times more likely to result in a fatality than crashes in urban areas.

## Crash Characteristics

### Vehicle Type (Utah 2005)

Vehicles								
	Vehicles Involved in PDO Crashes		Vehicles Involved in Injury Crashes		Vehicles Involved in Fatal Crashes		Total Vehicles	
Vehicle Type	#	%	#	%	#	%	#	%
Passenger Car	34,766	53.9%	20,889	56.2%	146	40.2%	55,801	54.7%
Light Truck, Van or SUV	25,466	39.5%	13,861	37.3%	158	43.5%	39,485	38.7%
Large/Semi Truck	2,482	3.8%	960	2.6%	28	7.7%	3,470	3.4%
Motorcycle	117	0.2%	829	2.2%	25	6.9%	971	1.0%
School Bus	114	0.2%	29	0.1%	1	0.3%	144	0.1%
Other	1,585	2.5%	590	1.6%	2	0.6%	2,177	2.1%
Unknown	0	0.0%	0	0.0%	3	0.8%	3	0.0%
<b>Total</b>	<b>64,530</b>	<b>100.0%</b>	<b>37,158</b>	<b>100.0%</b>	<b>363</b>	<b>100.0%</b>	<b>102,051</b>	<b>100.0%</b>

- While motorcycles represented 1% of vehicles involved in crashes, crashes involving a motorcycle were 8 times more likely to be fatal than crashes involving other vehicles.
- Crashes involving a large/semi truck were 2.4 times more likely to be fatal than crashes involving other vehicles.

### Violations (Utah 2005)

Violations								
	Drivers Cited in PDO Crashes		Drivers Cited in Injury Crashes		Drivers Cited in Fatal Crashes		Total Drivers Cited	
Violations	#	%	#	%	#	%	#	%
Following Too Close	3,924	19.2%	2,199	16.7%	0	0.0%	6,123	18.2%
Failure to Yield Right-of-Way	3,325	16.3%	2,633	20.0%	3	9.1%	5,961	17.7%
Improper Lookout	3,091	15.1%	1,921	14.6%	0	0.0%	5,012	14.9%
All Other Moving Violations	1,440	7.0%	846	6.4%	1	3.0%	2,287	6.8%
Other Non-Moving Violations	1,208	5.9%	939	7.1%	2	6.1%	2,149	6.4%
Improper Lane Change	1,349	6.6%	570	4.3%	1	3.0%	1,920	5.7%
Negligent Collision	1,205	5.9%	621	4.7%	0	0.0%	1,826	5.4%
Speeding	1,154	5.6%	574	4.4%	6	18.2%	1,734	5.1%
Failure to Stop at Red Light	768	3.8%	900	6.8%	0	0.0%	1,668	5.0%
Driving Under the Influence	676	3.3%	817	6.2%	4	12.1%	1,497	4.4%
Improper Turn (Failure to Signal)	703	3.4%	359	2.7%	1	3.0%	1,063	3.2%
Failure to Stop at Stop Sign	262	1.3%	275	2.1%	0	0.0%	537	1.6%
Hit and Run	346	1.7%	131	1.0%	0	0.0%	477	1.4%
Improper Backing	348	1.7%	32	0.2%	0	0.0%	380	1.1%
Reckless Driving	177	0.9%	144	1.1%	1	3.0%	322	1.0%
Wrong Side of Road	122	0.6%	117	0.9%	0	0.0%	239	0.7%
Improper Passing	178	0.9%	55	0.4%	0	0.0%	233	0.7%
Improper Start or Stop	166	0.8%	51	0.4%	0	0.0%	217	0.6%
Vehicle Homicide	0	0.0%	1	0.0%	14	42.4%	15	0.0%
Wrong Way on One-Way Street	10	0.0%	2	0.0%	0	0.0%	12	0.0%
<b>Total</b>	<b>20,452</b>	<b>100.0%</b>	<b>13,187</b>	<b>100.0%</b>	<b>33</b>	<b>100.0%</b>	<b>33,672</b>	<b>100.0%</b>

- In 2005, there were 98,890 drivers involved in a crash. Officers at the scene of the crash cited 33,672 (34.1%) of those drivers for a traffic violation, and the most common violation was "following too close" (18.2%).
- The leading violations in fatal crashes were "vehicle homicide" (42.4%), "speeding" (18.2%) and "driving under the influence" (12.1%).

## Crash Characteristics

### Contributing Factors (Utah 2005)

Contributing Factors								
Contributing Factors	Contributing Factors Coded for Vehicles Involved in:							
	Property Damage Only Crashes		Injury Crashes		Fatal Crashes		Total Crashes	
	#	%	#	%	#	%	#	%
Improper Lookout	11,177	25.0%	6,295	23.7%	36	9.6%	17,508	24.4%
Followed Too Closely	6,310	14.1%	3,499	13.2%	5	1.3%	9,814	13.7%
Failed to Yield Right of Way	5,629	12.6%	4,068	15.3%	27	7.2%	9,724	13.6%
Speed Too Fast	4,709	10.5%	2,680	10.1%	71	19.0%	7,460	10.4%
Other Improper Driving	3,955	8.8%	2,339	8.8%	52	13.9%	6,346	8.9%
Hit and Run	2,014	4.5%	641	2.4%	4	1.1%	2,659	3.7%
Made Improper Turn	1,628	3.6%	751	2.8%	8	2.1%	2,387	3.3%
Disregard Traffic Signal	995	2.2%	1,124	4.2%	10	2.7%	2,129	3.0%
Driving Under the Influence	683	1.5%	817	3.1%	23	6.1%	1,523	2.1%
Other Driver Distractions	594	1.3%	422	1.6%	7	1.9%	1,023	1.4%
Improper Backing	938	2.1%	79	0.3%	0	0.0%	1,017	1.4%
Improper Overtaking	707	1.6%	271	1.0%	4	1.1%	982	1.4%
Asleep	448	1.0%	499	1.9%	19	5.1%	966	1.3%
Drove Left of Center	490	1.1%	420	1.6%	23	6.1%	933	1.3%
Object in Roadway	656	1.5%	215	0.8%	6	1.6%	877	1.2%
Non-Contact Vehicle Involved	436	1.0%	201	0.8%	12	3.2%	649	0.9%
Passed Stop Sign	290	0.6%	336	1.3%	6	1.6%	632	0.9%
Fatigued	265	0.6%	325	1.2%	14	3.7%	604	0.8%
Other Defective Condition of Vehicle	348	0.8%	125	0.5%	2	0.5%	475	0.7%
Aggressive Driving	201	0.4%	146	0.6%	7	1.9%	354	0.5%
Had Been Drinking	176	0.4%	170	0.6%	6	1.6%	352	0.5%
Tires Defective	217	0.5%	112	0.4%	9	2.4%	338	0.5%
Cargo Loss or Shifted	274	0.6%	48	0.2%	1	0.3%	323	0.5%
Brakes Defective	154	0.3%	110	0.4%	2	0.5%	266	0.4%
Sick or Ill	75	0.2%	173	0.7%	2	0.5%	250	0.3%
Improper Parking	189	0.4%	59	0.2%	0	0.0%	248	0.3%
Driver Using Cell Phone	122	0.3%	95	0.4%	1	0.3%	218	0.3%
Wrong Side of Road	76	0.2%	84	0.3%	6	1.6%	166	0.2%
Under the Influence of Drugs	69	0.2%	72	0.3%	4	1.1%	145	0.2%
Failed to Signal	107	0.2%	33	0.1%	0	0.0%	140	0.2%
Towed Vehicle	102	0.2%	29	0.1%	1	0.3%	132	0.2%
Windshield Not Clear	71	0.2%	51	0.2%	0	0.0%	122	0.2%
Downhill Runaway	69	0.2%	31	0.1%	2	0.5%	102	0.1%
Vehicle Rolling in Traffic Lane	77	0.2%	15	0.1%	0	0.0%	92	0.1%
Non-Collision (Fire)	92	0.2%	4	0.0%	0	0.0%	96	0.1%
Jackknife	66	0.1%	20	0.1%	0	0.0%	86	0.1%
Stolen	48	0.1%	36	0.1%	0	0.0%	84	0.1%
Separation of Units	73	0.2%	9	0.0%	0	0.0%	82	0.1%
Other Lights or Reflectors Defective	31	0.1%	24	0.1%	0	0.0%	55	0.1%
Headlights Insufficient or Out	26	0.1%	27	0.1%	1	0.3%	54	0.1%
Steering Mechanism Defective	31	0.1%	18	0.1%	0	0.0%	49	0.1%
Immersion	24	0.1%	4	0.0%	1	0.3%	29	0.0%
Other	112	0.3%	34	0.1%	2	0.5%	148	0.2%
<b>Total</b>	<b>44,754</b>	<b>100.0%</b>	<b>26,511</b>	<b>100.0%</b>	<b>374</b>	<b>100.0%</b>	<b>71,639</b>	<b>100.0%</b>

- Contributing factors were coded by the police officer at the scene of the crash for each vehicle involved in the crash. The officer may record no contributing factor or up to two different contributing factors.
- "Improper lookout" was the leading contributing factor for vehicles involved in property damage only crashes (25.0%) and injury crashes (23.7%).
- "Speed too fast" was the leading contributing factor for vehicles involved in fatal crashes (19.0%).